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Application No. 09/719,088

6. (once amended) An isolated polynucleotide molecule according to claim 5, wherein the polynucleotide molecule encodes a murine NPY-Y7 receptor having an amino acid sequence substantially corresponding to that shown as SEQ ID NO: 3.

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7. (twice amended) An isolated polynucleotide molecule encoding an NPY-Y7 receptor, wherein the polynucleotide molecule comprises a nucleotide sequence selected from the group consisting of:

- (i) the sequence set forth in SEQ ID NO: 4;
- (ii) The sequence consisting of nucleotides 369 to 1592 of SEQ ID NO: 4; and
- (iii) a sequence that encodes the amino acid sequence set forth in SEQ ID NO: 2.

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10. (once amended) A plasmid or expression vector including a polynucleotide molecule according to claim 3.

Please add new claims 26-33 as replacement claims for canceled claims 11-14.

3. 26. A host cell transformed with a polynucleotide molecule according to claim

27. A host cell according to claim 26, wherein the cell is a mammalian or insect cell.

28. A host cell according to claim 27, wherein the cell is a Chinese hamster ovary (CHO) cell, human embryonic kidney (HEK) 293 cell or an insect Sf9 cell.

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29. A host cell according to claim 26, wherein the cell expresses the NPY-Y7 receptor onto the cell's surface.

30. A host cell transformed with a plasmid or expression vector according to claim 10.